

CLAIMS

[1] A broadcast receiving terminal which receives a broadcast wave and displays broadcast contents,

wherein the broadcast wave includes stream information

5 indicating broadcast contents, and outline information indicating an outline of the broadcast contents, and

said broadcast receiving terminal comprises:

a receiving unit operable to receive the broadcast wave;

a display unit operable to display the broadcast contents;

10 a judging unit operable to judge, based on a user's operation, whether or not the broadcast contents should be displayed;

a display control unit operable to perform image processing on the stream information of the broadcast wave received by said receiving unit, and to cause said display unit to display the broadcast contents, when said judging unit judges that the broadcast contents should be displayed; and

15 an outline presentation unit operable to present the outline, so that the outline synchronizes with the broadcast contents, which is indicated by the outline information transmitted by the broadcast wave received by said receiving unit, when said judging unit judges that the broadcast contents should not be displayed.

[2] The broadcast receiving terminal according to Claim 1,

wherein said broadcast receiving terminal further comprises

25 a function processing unit operable to activate and terminate a predetermined function based on a user's operation, and

30 said judging unit is operable to judge that the broadcast contents should not be displayed, when the predetermined function is activated, and to judge that the broadcast contents should be displayed, when the predetermined function is terminated.

[3] The broadcast receiving terminal according to Claim 2,

wherein said outline presentation unit is operable to cause said display unit to display the outline as a character string.

[4] The broadcast receiving terminal according to Claim 3,
5 wherein said display unit has a first display area, and a second display area smaller than the first display area,

said display control unit is operable to display the broadcast contents in the first display area, and

10 said outline presentation unit is operable to display the outline in the second display area.

[5] The broadcast receiving terminal according to Claim 2,
wherein said outline presentation unit is operable to notify the user of the outline indicated by the outline information with a
15 voice.

[6] The broadcast receiving terminal according to Claim 2,
wherein the outline information includes time information indicating the time when the outline should be presented, and

20 said outline presentation unit is operable to present the outline when the present time matches the time indicated by the time information.

[7] The broadcast receiving terminal according to Claim 2,
25 wherein said outline presentation unit is further operable to perform image processing on the stream information of the broadcast wave received by said receiving unit, and to cause said display unit to display a moving picture with a lower image quality than the broadcast contents displayed by said display control unit,
30 when said judging unit judges that broadcast contents should not be displayed.

[8] The broadcast receiving terminal according to Claim 2,
wherein the broadcast wave includes limit information which
limits judgment of said judging unit, and
said judging unit is operable to maintain the results of
5 judgments already made, regardless of a user's operation, when the
limit information is received by said receiving unit.

[9] The broadcast receiving terminal according to Claim 1,
further comprising
10 a reception unit operable to receive an instruction to
display/not display the broadcast contents, based on the user's
operation,
wherein said judging unit is operable to judge that the
broadcast contents should be displayed, when an instruction to
15 display is received by said reception unit, and operable to judge that
the broadcast contents should not be displayed, when an instruction
not to display is received by said reception unit.

[10] The broadcast receiving terminal according to Claim 1,
20 wherein said broadcast receiving terminal is configured in
first and second forms, which can be switched between in
accordance with a user's operation; and
said judging unit is operable to judge that the broadcast
contents should be displayed, when said broadcast receiving
25 terminal is in the first form, and to judge that the broadcast contents
should not be displayed, when said broadcast receiving terminal is in
the second form.

[11] The broadcast receiving terminal according to Claim 10,
30 wherein said display unit includes a first display unit, which
appears on the surface when said broadcast receiving terminal is in
the first form, and a second display unit, which appears on the

surface when said broadcast receiving terminal is in the second form,

 said display control unit is operable to cause said first display unit to display the broadcast contents, and

5 said outline presentation unit is operable to cause said second display unit to display the outline.

[12] A broadcast apparatus which transmits a broadcast wave, said broadcast apparatus comprising:

10 an outline information generating unit operable to generate an outline information indicating an outline of broadcast contents of the broadcast wave; and

15 a transmission unit operable to transmit the outline information on the broadcast wave so that the outline indicated by the outline information is synchronized with the broadcast contents.

[13] The broadcast apparatus according to Claim 12,

 wherein said transmission unit is operable to transmit, included in the outline information, time information indicating a 20 time at which the outline should be presented.

[14] The broadcast apparatus according to Claim 12,

 wherein said transmission unit is operable to transmit, included in the broadcast wave, limit information which imposes 25 limitation on a display of broadcast contents so that the display is forced to continue.

[15] A broadcast receiving method of receiving a broadcast wave and displaying broadcast contents,

30 wherein the broadcast wave includes stream information which indicates broadcast contents, and outline information which indicates an outline of the broadcast contents, and

wherein said broadcasting receiving method comprises:

a receiving step of receiving the broadcast wave;

a judging step of judging whether or not the broadcast contents should be displayed, based on the user's operation;

5 a display control step of executing an image processing on the stream information of the broadcast wave received in said receiving step and causing the broadcast contents to be displayed in the display unit, when the broadcast contents are judged to be displayed in said judging step; and

10 an outline presentation step of presenting the outline indicated by the outline information received in said receiving step, so that the outline synchronizes with the broadcast contents, when it is judged, in said judging step, that the broadcast contents should not be displayed.

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[16] A program for receiving a broadcast wave and displaying broadcast contents,

wherein the broadcast wave includes a stream information indicating the broadcast contents, and an outline information

20 indicating an outline of the broadcast contents, and

wherein said program causes a computer to execute:

a receiving step of receiving the broadcast wave;

a judging step of judging whether or not the broadcast contents should be displayed, based on the user's operation;

25 a display control step of executing an image processing on the stream information of the broadcast wave received in said receiving step and causing the broadcast contents to be displayed in the display unit, when the broadcast contents are judged to be displayed in said judging step; and

30 an outline presentation step of presenting the outline indicated by the outline information received in said receiving step, so that the outline synchronizes with the broadcast contents, when

it is judged, in said judging step, that the broadcast contents should not be displayed.